

PATENT

#6

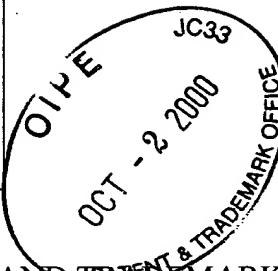
PCT

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all identified attachments are being deposited on September 27, 2000, with the United States Postal Service as First Class Mail in an envelope with sufficient postage addressed to:

Assistant Commissioner For Patents  
Washington, D.C. 20231

By: *James A. Henricks*  
James A. Henricks, 31,168



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

14 AUG 2001

Legal Staff  
International DivisionIn Re Patent      **Graham Alexander Munro MURDOCH,**  
Application Of:      **Stuart Colin LITTLECHILD**

Examiner: N/A

Serial Number: 09/582,341

Group Art Unit: N/A

Filed: August 22, 2000

RECEIVED  
NOV - 2 2000  
TC 2700 MAIL ROOMTitle: TRANSMITTER AND A METHOD FOR  
TRANSMITTING DATAAssistant Commissioner for Patents  
Washington, D.C. 20231**PETITION TO CORRECT OFFICIAL FILING RECEIPT**

In the Official Filing Receipt, (a copy of which is attached as Exhibit 1) please correct the filing date as follows:

Please change the 35 U.S.C. 371 filing date for this application from "August 22, 2000" to -- August 16, 2000 --.

08/24/2001 UEDUVIJE 00000125 500655 09582341

01 FC:122 130.00 CH

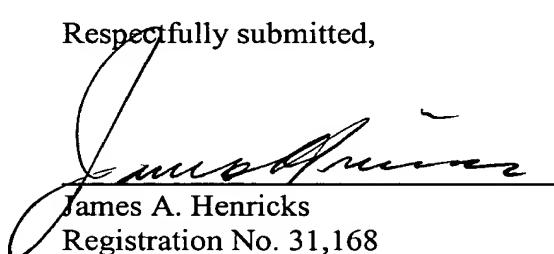
August 16, 2000, is the date that the last requirements were filed with the Patent Office, in accordance with 37 C.F.R. 1.8. Applicant is aware of no statute or rule requiring the submission by Express Mail of the declaration in response to the Notice of Missing Requirements. The enclosed copies of the transmittal papers with the certificate of mailing indicate they were mailed August 16, 2000. Therefore, the date of filing of the last requirement for entering the National Stage should be August 16, 2000.

In support of this date, enclosed are copies of the following:

1. Exhibit 2 - Response to Notification of Missing Requirements under 35 U. S. C. 371 in the United States Designated/Elected Office (DO/EO/US) dated July 19, 2000, with Certificate of Mailing dated August 16, 2000; submitted with the following:
  - Declaration and Petition;
  - Power of Attorney;
  - PCT/DO/EO/905; and
2. Exhibit 3 - Return Post Card.

Please charge any additional fee that may be due or credit any overpayment to our deposit Account No. 50-0655. A duplicate copy of this Petition is enclosed.

Respectfully submitted,

  
James A. Henricks  
Registration No. 31,168

Dated: September 27, 2000

**HENRICKS, SLAVIN & HOLMES LLP**  
840 Apollo Street, Ste. 200  
El Segundo, CA 90245-4737  
310-563-1456  
310-563-1460 (fax)  
[jhenricks@hsh-iplaw.com](mailto:jhenricks@hsh-iplaw.com) (Email)

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NOV - 2 2000  
TC 2700 MAIL ROOM



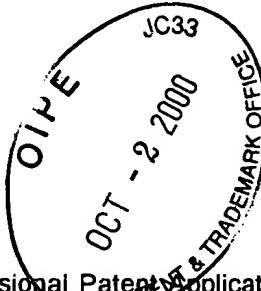
## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/582,341	08/22/2000	2749	1438	010100-101	5	1	1

021836  
 HENRICKS SLAVIN AND HOLMES LLP  
 SUITE 200  
 840 APOLLO STREET  
 EL SEGUNDO, CA 90245

## FILING RECEIPT



Date Mailed: 09/05/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Graham Alexander Munro Murdoch, Cremorne, AUSTRALIA;  
 Stuart Colin Littlechild, Stanmore, AUSTRALIA;

## Continuing Data as Claimed by Applicant

THIS APPLICATION IS A 371 OF PCT/AU98/01077 12/24/1998

## Foreign Applications

AUSTRALIA PP1112 12/24/1997

If Required, Foreign Filing License Granted 09/05/2000

## Title

Transmitter and a method for transmitting data

## Preliminary Class

455

Data entry by : ORDENEZ, MARTA

Team : OIPE

Date: 09/05/2000



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all identified attachments are being deposited on August 16, 2000 with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to:

Box PCT  
Assistant Commissioner for Patents  
2900 Crystal Drive  
Arlington, VA 22202-3513

By:

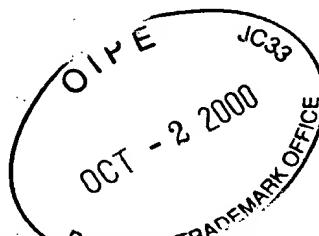
James A. Henricks, 31,168

Applicant: MURDOCH ET AL.  
Serial No.: PCT/AU98/01077 & 09/582,341  
Filed: December 24, 1998  
Title: A TRANSMITTER AND A  
METHOD FOR TRANSMITTING DATA  
Examiner: N/A  
Group Art Unit: N/A

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box PCT  
Assistant Commissioner For Patents  
Washington, D.C. 20231



RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35  
U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE  
(DO/EO/US)  
DATED JULY 19, 2000

Sir:

In response to the Notification of Missing Requirements of Application, enclosed herewith are the following:

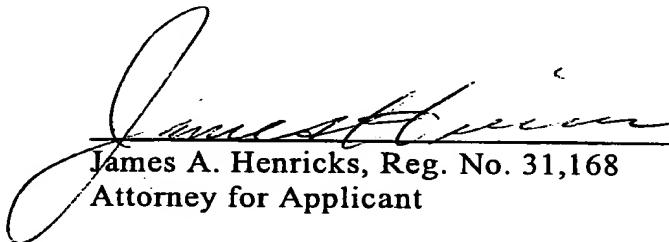
1. Declaration and Petition (copy);
2. Power of Attorney (copy);
3. PCT/DO/EO/905;
4. Assignment (copy) for recordation from Graham Alexander Munro MURDOCH and Stuart Colin LITTLECHILD to PARAKAN PTY LTD., ILAMON PTY LTD., and MAGELLAN TECHNOLOGY PTY LIMITED, along with an Assignment Cover Sheet. Check No. 2025 in the amount of \$40 is enclosed to cover the recordation fee; and
5. Return post card.

Ser. No.: PCT/AU98/01077 & 09/582,341

Atty Ref.: 010100-101

Please charge any deficiencies and credit any overpayment involving these papers to our Deposit Account No. 50-0655. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

  
James A. Henricks, Reg. No. 31,168  
Attorney for Applicant

August 16, 2000

**HENRICKS, SLAVIN & HOLMES LLP**  
840 Apollo Street, Ste. 200  
El Segundo, CA 90245-4737  
310-563-1456  
310-563-1460 (fax)  
[jhenricks@hsh-iplaw.com](mailto:jhenricks@hsh-iplaw.com) (Email)

Declaration and Petition

(X) Original ( ) Supplemental ( ) Substitute ( ) PCT ( ) Design

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled A TRANSMITTER AND A METHOD FOR TRANSMITTING DATA

(check one) [ ] is attached hereto. [ XX ] was filed on December 24, 1998 as

Application Serial No. 09/582,341 was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known by me to be material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Application(s) In Other Countries

PP 1112 (Number)	Australia (Country)	December 24, 1997 Day/month/year filed	Priority claimed XX Yes      No
PCT/AU98/01077 (Number)	WIPO/PCT (Country)	December 24, 1998 Day/month/year filed	XX Yes      No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior United States Application

(Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned)

(Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned)

Please direct all correspondence to:

Customer Number 021836

Namely:

Henricks, Slavin & Holmes, LLP  
840 Apollo Street, Suite 200  
El Segundo, CA 90245-4737

With Telephone calls to:

James A. Henricks  
310-563-1456  
310-563-1460 (fax)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Wherefore I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney, and this petition.

Full name of sole or first inventor Graham Alexander Munro MURDOCH  
Inventor's signature Graham Murdoch Date 15 AUGUST 2000  
Residence 103 Albion Street, Annandale, New South Wales 2038, AUSTRALIA  
Citizenship Australian UNIT 4, 26 GERARD STREET, CREAMORNE NSW 2090  
Post Office Address Same as above

Full name of second inventor Stuart Colin LITTLECHILD  
Inventor's signature Stu Date 15 AUGUST 2000  
Residence 24 Northumberland Avenue, Stanmore, New South Wales 2048, AUSTRALIA  
Citizenship Australian  
Post Office Address Same as above

I certify that on \_\_\_\_\_, which is the date I am signing this certificate, this correspondence and all listed attachments are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

PATENT

James A. Henricks



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent **MURDOCH ET AL.**  
Application Of:

Serial Number: PCT/AU98/01077 &amp; 09/582,341

Filed: December 24, 1998

Title: A TRANSMITTER AND A METHOD FOR  
TRANSMITTING DATA

Examiner: N/A

Group Art Unit: N/A

POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

PARAKAN PTY LTD., ILAMON PTY LTD., AND MAGELLAN TECHNOLOGY PTY LIMITED, having become the owners of all rights in and to the above-identified application by virtue of an Assignment executed, by the inventors concurrently with the execution of the application, said Assignment:

[  ] being submitted herewith for recording; or  
 [  ] having been previously submitted for recordation with the U.S. Patent and Trademark Office, at reel \_\_\_ and frame(s)

hereby revokes all prior powers and now appoints:

Customer No.

021836

Namely: J.A. HENRICKS, Reg. 31,168  
 C.A. SLAVIN, Reg. 35,362  
 P.L. HOLMES, Reg. 37,353

whose address is:

**Henricks, Slavin & Holmes LLP**  
 840 Apollo Street, Ste. 200  
 El Segundo, CA 90245-4737  
 310-563-1456  
 310-563-1460 (fax)  
 jhenricks@hsh-iplaw.com  
 Attention: James A. Henricks

their attorneys to prosecute said application and to transact in connection therewith all business in the Patent and Trademark Office and before competent International authorities including the World Intellectual Property Organization for all purposes including searching and preliminary examination.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 15 August, 2000

By: Graham Murdoch  
 Name: GRAHAM MURDOCH  
 Title: DIRECTOR  
 Co.: PARAKAN PTY LTD.

Date: 15 August, 2000

By: S. Littlechild  
 Name: STUART LITTLECHILD  
 Title: DIRECTOR  
 Co.: ILAMON PTY LTD.

Date: 15 AUGUST, 2000

By: Eleanor Sean Angers  
 Name: ELEANOR SEAN ANGERS  
 Title: EXECUTIVE DIRECTOR  
 Co.: MAGELLAN TECHNOLOGY PTY LIMITED



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: ASSISTANT COMMISSIONER FOR PATENTS  
Box PCT  
Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/582341	MURDOCH	G 010100-101
JAMES A HENRICKS HENRICKS SLAVIN & HOLMES 840 APOLLO STREET SUITE 200 EL SEGUNDO, CA 90245 4737		INTERNATIONAL APPLICATION NO.
		PCT/AU98/01077
I.A. FILING DATE		PRIORITY DATE
24 DEC 98		24 DEC 97
DATE MAILED: 19 JUL 2000		

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

a Designated Office (37 CFR 1.494),  
 an Elected Office (37 CFR 1.495):

U.S. Basic National Fee.

Copy of the international application in:

a non-English language.  
 English.

Translation of the international application into English.

Oath or Declaration of inventors(s) for DO/EO/US.

Copy of Article 19 amendments.

Translation of Article 19 amendments into English.

The International Preliminary Examination Report in English and its Annexes, if any.

Translation of Annexes to the International Preliminary Examination Report into English.

Preliminary amendment(s) filed 23 June 2000 and \_\_\_\_\_.

Information Disclosure Statement(s) filed 23 June 2000 and \_\_\_\_\_.

Assignment document.

Power of Attorney and/or Change of Address.

Substitute specification filed \_\_\_\_\_.

Verified Statement Claiming Small Entity Status.

Priority Document.

Copy of the International Search Report  and copies of the references cited therein.

Other:

2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.  
 The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.

b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).

c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.  
 The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.

d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ \_\_\_\_\_ as a  large entity  small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

**ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY  21 OR  31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.

5.  The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

**A copy of this notice *MUST* be returned with this response.**

Enclosed:

PCT/DO/EO/917

PTO-875

FORM PCT/DO/EO/905 (December 1997)

Notice of Defective Translation

Deborah Williams *DW*  
Telephone: 703-305-3744



PATENT

Client Name & Docket No. Baldwin Shelston Waters 010100-101  
Title: A TRANSMITTER AND A METHOD FOR ET AL.

Applicant: Murdoch et al. Filing Date: June 23, 2000  
Ser.# / Pat.# 09/582,341

Please Acknowledge receipt of:

<input type="checkbox"/> Application having _____ pages of specification and claims, and <u>1</u> sheets of drawings, FIG(S) _____	<input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Request for Priority and Pri. Doc. <input type="checkbox"/> Reply to Office Action <input type="checkbox"/> Check # _____
<input checked="" type="checkbox"/> Declaration / Oath <input checked="" type="checkbox"/> Power of Attorney <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Check # _____	<input type="checkbox"/> Check # _____ <input type="checkbox"/> Request for Ext. of Time <input type="checkbox"/> Check # _____
<input checked="" type="checkbox"/> Patent Assignment Cover Sheet <input checked="" type="checkbox"/> Assignment <input checked="" type="checkbox"/> Check # <u>1025-40.00</u>	<input type="checkbox"/> Amendment After Final Rejection <input type="checkbox"/> Check # _____ <input type="checkbox"/> Corrected Drawings <input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Check # _____
<input type="checkbox"/> Letter <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-144A (Rev. 10-97) <input type="checkbox"/> Certification <input type="checkbox"/> Petition <input type="checkbox"/> Check # _____	<input type="checkbox"/> Other _____ <input type="checkbox"/> Maintenance Fee Transmittal Form <input type="checkbox"/> Check # _____ <input checked="" type="checkbox"/> Cert. of Mailing <input type="checkbox"/> Check # _____

Mailed August 16, 2000

By G. Brass

424 Recd PCT/PTO 22 AUG 2000